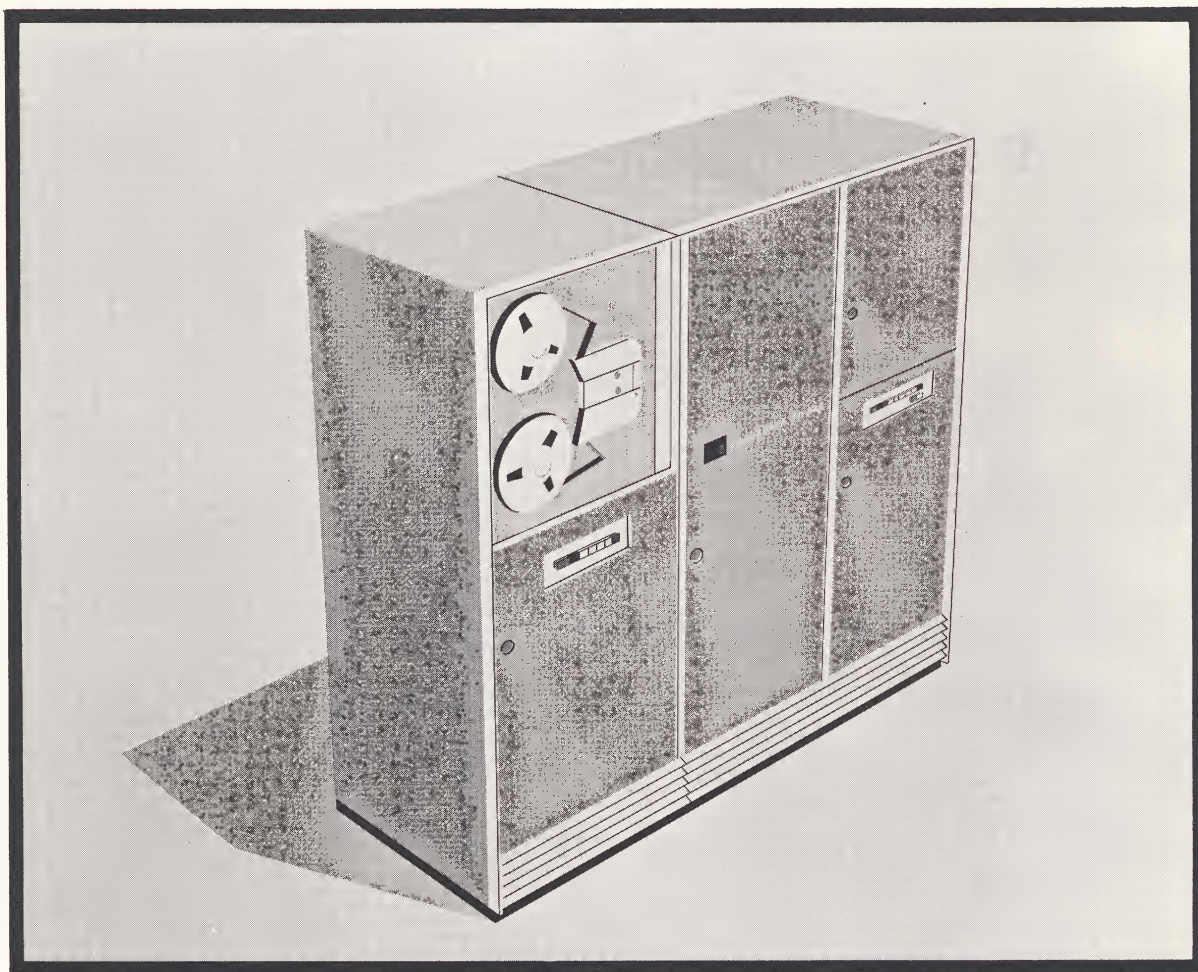


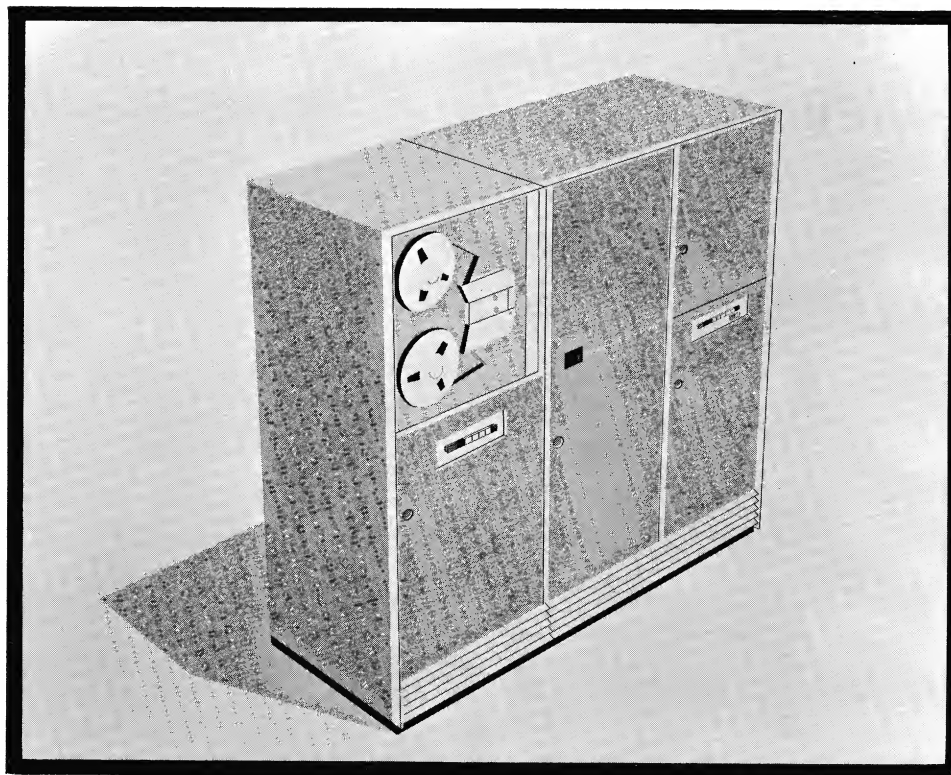


# TRANSDATA

## TD 942 MICROFILM PRINTER



## **TD 942 MICROFILM PRINTER**



**GENERAL** The TD 942 Microfilm Printer is an ultra-high speed electronic printer for use as an output system for large and medium scale commercial, scientific and military computer systems. Reading digital data from magnetic tapes, the TD 942 "prints" information and plots curves at "computer rates" on a cathode ray tube and records this data on microfilm or electrographic recording paper.

**APPLICATIONS**

- Tabular Printing
- Graph Plotting
- Projection Displays
- Records Retention

**PERFORMANCE** Prints at rate of 62,500 characters per second.

**HIGHLIGHTS**

- Plots curves at 6,900 random points per second.
- Prints on 35 mm or 16 mm microfilm and full sized electrographic recording paper (optional).
- Wide variety of type styles.
- "Unlimited" number of characters, numbers and symbols.
- Characters and complete type fonts changeable by user within minutes.
- Smallest similar purpose device available.

## DESIGN FEATURES

**TAPE INPUT** Reads any standard IBM or Remington Rand Univac computer tapes at any standard speed and packing density. Reads most other standard computer output tapes.

**CHARACTER GENERATION** Characters formed on standard cathode ray tube by Transdata developed TD 549 Character Generator with dual magnetic deflection system.

**CHARACTER VERSATILITY** Wide variety of character styles available including English and any other alphabetic language, numerals and mathematical and arbitrary symbols. Sixty characters available on standard unit. Larger character fonts available in blocks of 60, with no reduction in printing speeds. Characters may be changed in a matter of minutes by operator.

**CHARACTER SIZE** Four sizes of characters available to provide headings and emphasis on certain classes of data. Character size changes under program control.

**VERSATILE OUTPUT OPTIONS** A variety of "plug in" high speed recording cameras available including:

- 16 mm pulse camera
- 35 mm pulse camera
- 35 mm Rapid Processing Camera
- Full size electrographic recording Paper Camera

**FORMS GENERATION** Forms may be generated and printed on the desired output medium by computer sub-routine, or by an optional overlay feature.

### COMPACT SIZE

Tape Unit	Printer Unit
Height 76 Inches	Height 76
Width 27	Width 48
Depth 27	Depth 36

**AXIS AND LINE GENERATION** Coordinate x and y axes are drawn by an optional Axis Generator under program control. Line segments or vectors are drawn between any two points within 1/16th of the format diameter in any direction or angle.

**PRINT MODE** The TD 942 includes an automatic print advance feature which causes printing in a "typewriter like" fashion, thus eliminating programming of character position data.

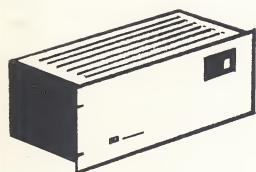


# TRANSDATA INC.

An electronics research, development and manufacturing organization with special capabilities in the fields of digital, visual and voice communications and recording.



## OTHER TRANSDATA PRODUCTS



### TD 549 CHARACTER GENERATOR

A basic system component for display systems and high speed non-impact printers. Accepts any parallel six-bit code from communication lines or computer tapes and displays wide variety of characters and symbols on the screen of cathode ray tubes. Four character sizes. Plug-in character cards.



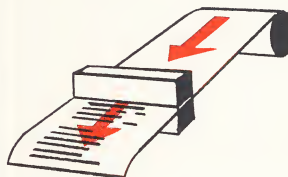
### DISPLAY SYSTEMS

Transdata Display Systems Engineers with extensive background in major military command and control display systems assist military agencies and prime contractors in this specialized field. Complete display subsystems or specific console or projection displays are proposed to meet the specific requirements of each system.



### TD 900 HIGH SPEED TELEPRINTER

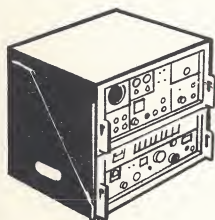
A variable speed — 150 to 5000 words per minute — teleprinter for on-line use with today's high speed transmission systems or for off-line use with high speed tape readers. High contrast, high resolution, immediately available copy.



### ELECTROKINETICS\* PRINTERS

A new principle in electronic recording now under development. Design objectives include strip chart recorders, facsimile printers, office copy machines and projection displays.

\*Trademark



### WRR2 — RADIO RECEIVER

A high performance multi-frequency U.S. Navy receiver for ship to shore radio communications being built by Transdata for the Bureau of Ships.



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